



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
C. Stephen Allred, Director

April 9, 2003

CERTIFIED MAIL No. 7000 1670 0013 9128 9097

Ron Mahan
Area Manager
Koch Materials Co.
4303 Gekeler Lane
Boise, ID 83716

RE: AIRS Facility No. 019-00036, Koch Materials Co., Idaho Falls
Final Tier II Operating Permit

Dear Mr. Mahan:

The Department of Environmental Quality (Department) is issuing Tier II Operating Permit No. T2- 020506 for the Koch Materials Co., facility located in Idaho Falls, in accordance with IDAPA 58.01.01.400 through 406, *Rules for the Control of Air Pollution in Idaho (Rules)*.

The enclosed Tier II operating permit is based on the information contained in your permit application and on the relevant comments received during the public comment period. This Tier II permit is effective immediately and supersedes your previous permit issued on June 9, 1997. Modification to and/or renewal of this Tier II permit shall be requested in a timely manner in accordance with the *Rules*.

Rensay Owen of the Idaho Falls Regional Office will contact you regarding a meeting with the Department to discuss the permit terms and requirements. The Department recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Mike Simon, Permit Program Coordinator at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen E. West".

Stephen E. West
Administrator
Air Quality Division

SEW/MS/sm Permit No. T2-020506

Enclosure

C: Rensay Owen, Idaho Falls Regional Office
Dan Pitman, TS
Pat Rayne, AFS
Marilyn Seymore, AQ
Mike Simon, Permit Coordinator
Laurie Kral, EPA Region 10
Sherry Davis, AQ Division/SF
Phyllis Heitman—Final Letter only
Reading File

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Air Quality
TIER II OPERATING PERMIT
State of Idaho
Department of Environmental Quality

PERMIT NO.: T2-020506

AIRS FACILITY NO.: 019-00036

AQCR: 061

CLASS: SM

SIC: 2951

ZONE: 12

UTM COORDINATE (km): 414.6 , 4818.9

1. PERMITTEE

Koch Materials Co.

2. PROJECT

Tier II operating permit

3. MAILING ADDRESS

2525 Lindsey Blvd.

CITY

Idaho Falls

STATE

ID

ZIP

83402

4. FACILITY CONTACT

Ron Mahan

TITLE

Area Manager

TELEPHONE

208-345-2538

5. RESPONSIBLE OFFICIAL

J. Shane Bailey

TITLE

Regional Operations Manager

TELEPHONE

208-345-2538

6. EXACT PLANT LOCATION

2525 Lindsey Blvd., Idaho Falls

COUNTY

Bonneville

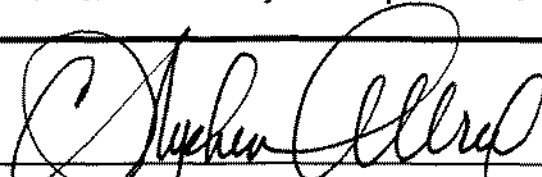
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Asphalt/asphalt emulsion

8. PERMIT AUTHORITY

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.400, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be operated by this permit.

This permit has been granted on the basis of design information presented in the application and the Idaho Department of Environmental Quality's technical analysis of the supplied information. Changes in design or equipment that result in any change in the nature or amount of emissions may be considered a modification. Modifications are subject to Department review in accordance with IDAPA 58.01.01.200.


O. STEPHEN ALLRED, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: April 9, 2003

DATE EXPIRES: April 9, 2008

TABLE OF CONTENTS

ACRONYMS, UNITS, AND CHEMICAL NOMENCLATURE 3

1. TIER II OPERATING PERMIT SCOPE..... 4

2. FACILITY-WIDE CONDITIONS 5

3. STORAGE TANKS 7

4. TIER II PERMIT GENERAL PROVISIONS..... 8

ACRONYMS, UNITS, AND CHEMICAL NOMENCLATURE

AQCR	Air Quality Control Region
Department	Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	grains per dry standard cubic feet
IDAPA	A numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act.
km	kilometer
SIC	Standard Industrial Classification
SM	synthetic minor
T/yr	tons per year
UTM	Universal Transverse Mercator

AIR QUALITY TIER II OPERATING PERMIT NUMBER: T2-020506

Permittee: Koch Materials Co. **AIRS Facility No.** 019-00036 **Date Issued:** April 9, 2003
Location: Idaho Falls, Idaho **Date Expires:** April 9, 2008

1. TIER II OPERATING PERMIT SCOPE**Purpose**

- 1.1 The purpose of this Tier II operating permit is to renew the expired Tier II operating permit and to update the permit to more accurately reflect current operations.
- 1.2 This Tier II permit replaces expired Tier II Operating Permit No. 019-00036, which was issued June 9, 1997, and expired June 9, 2002.

Regulated Sources

- 1.3 Table 1.1 lists a summary of emission sources that are regulated in this Tier II operating permit.

Table 1.1 REGULATED EMISSION SOURCES

Permit Sections	Source Description	Emissions Control(s)
2.1-2.3	Haul roads and other fugitive dust sources	Reasonable control
3	8 Asphalt cement and emulsion storage tanks	Fixed-roof tanks/throughput limit
3	4 Asphalt cement and emulsion loading racks	Throughput limit

Other Sources

- 1.4 Table 1.2 below lists all sources of emissions that do not require specific Tier II permit requirements:

Table 1.2 OTHER EMISSION SOURCES

Source Description	Emissions Control(s)
Parts washer	None
Asphalt reclaim pot	None
QA/QC lab and associated equipment	None
Welding and cutting torches	None
Plant vehicles	None
Emulsion mill	None
2 – Hot water tanks	None
Water softener system	None
Process water tank	None

AIR QUALITY TIER II OPERATING PERMIT NUMBER: T2-020506

Permittee:	Koch Materials Co.	AIRS Facility No.	019-00036	Date Issued:	April 9, 2003
Location:	Idaho Falls, Idaho	Date Expires:	April 9, 2008		

2. FACILITY-WIDE CONDITIONS

Fugitive Emissions

- 2.1 All reasonable precautions shall be taken to prevent PM from becoming airborne as required in IDAPA 58.01.01.651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and activities and atmospheric conditions that might affect the movement of PM. Some of the reasonable precautions include, but are not limited to, the following:
- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
 - Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces that can create dust.
 - Installation and use, where practical, of hoods, fans, fabric filters, or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
 - Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
 - Paving of roadways and their maintenance in a clean condition, where practical.
 - Prompt removal of earth or other stored material from streets, where practical.
- 2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.
- 2.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

Odors

- 2.4 No person shall allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.
- 2.5 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

AIR QUALITY TIER II OPERATING PERMIT NUMBER: T2-020506

Permittee:	Koch Materials Co.	AIRS Facility No.	019-00036	Date Issued:	April 9, 2003
Location:	Idaho Falls, Idaho	Date Expires:	April 9, 2008		

Visible Emissions

- 2.6 No person shall discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, nitrogen oxides, and/or chlorine gas are the only reason(s) for the failure of the emission to comply with the requirements of this section.

Excess Emissions

- 2.7 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets, and breakdowns.

Reports and Certifications

- 2.8 Any reporting required by this permit, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete. Any reporting required by this permit shall be submitted to the following:

Air Quality Permit Compliance
Department of Environmental Quality
Idaho Falls Regional Office
900 N. Skyline, Suite B
Idaho Falls, ID 83402

Open Burning

- 2.9 The permittee shall comply with the requirements of IDAPA 58.01.01.600-616, *Rules for Control of Open Burning*.

Monitoring and Recordkeeping

- 2.10 The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to Department representatives upon request.

AIR QUALITY TIER II OPERATING PERMIT NUMBER: T2-020506

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Location: Idaho Falls, Idaho **Date Expires:** April 9, 2008

3. STORAGE TANKS

3.1 Process Description

Asphalt cement and asphalt emulsion are stored in eight fixed-roof tanks at the facility. Load-out of asphalt cement and asphalt emulsion occurs in four load-out racks.

Emissions Limits

3.2 Emissions Limits

Volatile organic compound emissions from asphalt cement and asphalt emulsion storage and load-out shall not exceed 53.0 T/yr.

Operating Requirements

3.3 Combined Asphalt Cement and Asphalt Emulsion Throughput Limits

The combined throughput of asphalt cement and asphalt emulsion shall not exceed 572,917,306 gallons per any consecutive 12-month period.

3.4 Chemicals and Petroleum Products

Use of any other chemicals or petroleum products on site, including cutback asphalt and diesel fuel, shall qualify and comply with the permit to construct requirements or exemption requirements of IDAPA 58.01.01.201.

Monitoring and Recordkeeping Requirements

3.5 Monitor Operating Parameters

Each month, the permittee shall monitor and record the throughput of each material stated in Permit Condition 3.3 for that month and for the most recent 12-month period.

AIR QUALITY TIER II OPERATING PERMIT NUMBER: T2-020506

Permittee:	Koch Materials Co.	AIRS Facility No.	019-00036	Date Issued:	April 9, 2003
Location:	Idaho Falls, Idaho	Date Expires:			April 9, 2008

4. TIER II PERMIT GENERAL PROVISIONS

1. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code 39-101 et seq.
2. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain and operate in good working order all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
3. The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
 - To enter upon the permittee's premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emissions testing (i.e., performance tests) in conformance with state-approved or accepted EPA procedures when deemed appropriate by the Director.
4. Except for data determined to be confidential under Section 9-342A *Idaho Code*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Department of Environmental Quality.
5. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
6. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter; a copy of which shall be forwarded to the Director.
7. This permit shall be renewable on the expiration date, provided the permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within 60 days after receipt of the Director's request shall cause the permit to become void.
8. The Director may require the permittee to develop a list of operation and maintenance procedures to be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.
9. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.